

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010392.D
 Acq On : 19 Apr 2019 19:32
 Operator : SY/MD
 Sample : K2456-07
 Misc : 5.09G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP5

Quant Time: Apr 20 04:51:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416430	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	376820	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	185557	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108026	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
7) Chloroethane-d5	1.58	69	97506	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	2.13	63	177640	13.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.68%
20) 2-Butanone-d5	3.94	46	52933	32.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.28%
24) Chloroform-d	4.40	84	204788	18.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.84%
26) 1,2-Dichloroethane-d4	5.08	65	132327	20.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.92%
29) Benzene-d6	5.10	84	411023	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
33) 1,2-Dichloropropane-d6	6.12	67	125413	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.88%
37) Toluene-d8	7.36	98	396178	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.48%
38) trans-1,3-Dichloropropene-	7.66	79	52584	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.76%
39) 2-Hexanone-d5	8.13	63	46150	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
48) 1,1,1,2,2-Tetrachloroethane-	10.26	84	99636	17.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	154618	21.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.76%

Target Compounds

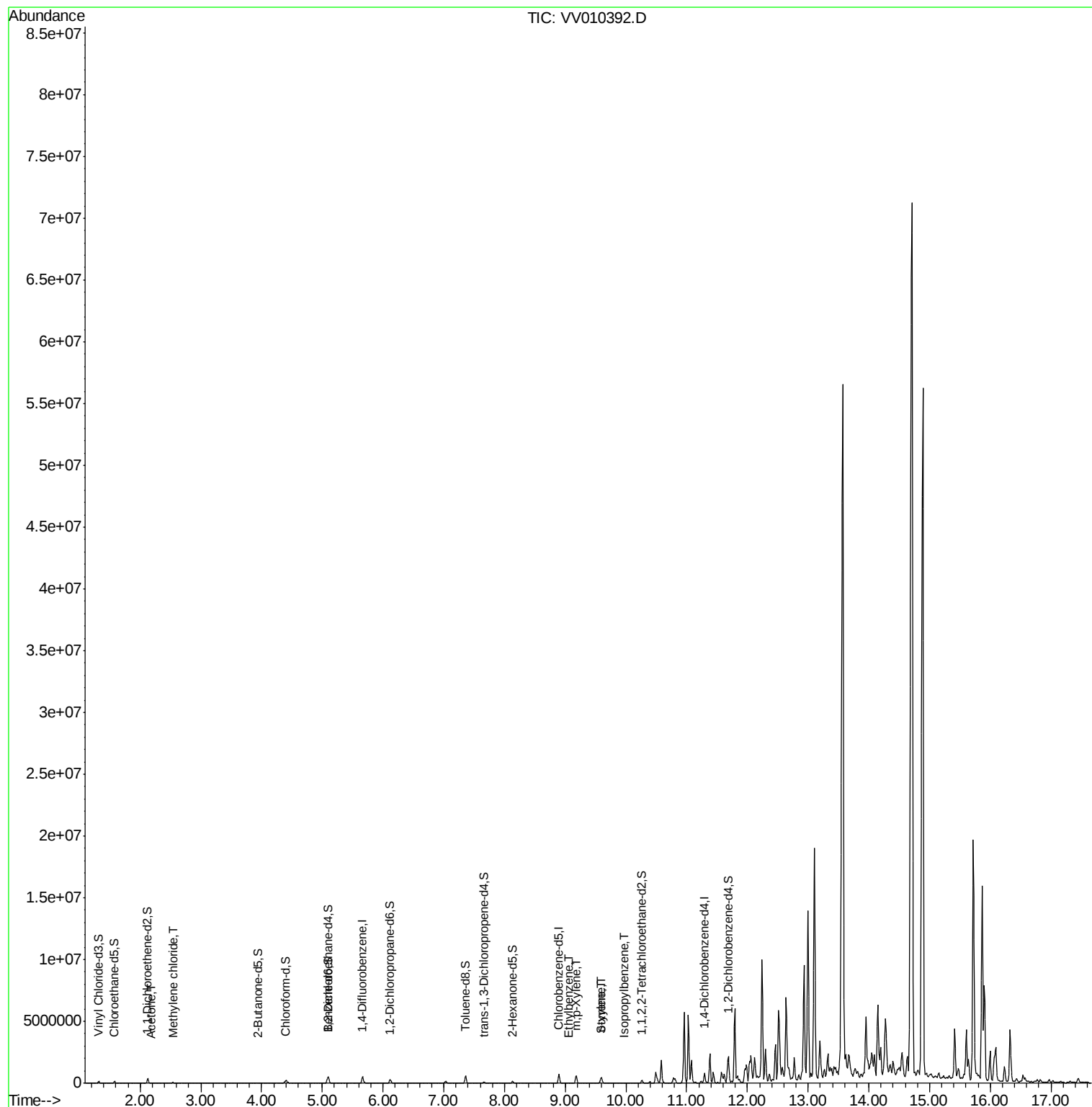
					Ovalue
13) Acetone	2.19	43	9512	5.473 ug/L	97
16) Methylene chloride	2.54	84	26237	3.945 ug/L	99
53) Ethylbenzene	9.06	91	23115	0.981 ug/L	98
54) m,p-Xylene	9.18	106	165570	18.161 ug/L	100
55) o-xylene	9.59	106	99654	11.334 ug/L	93
56) Styrene	9.60	104	120639	8.035 ug/L	90
57) Isopropylbenzene	9.97	105	18514	0.790 ug/L	95

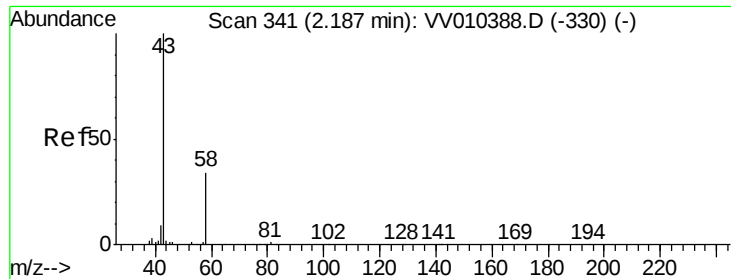
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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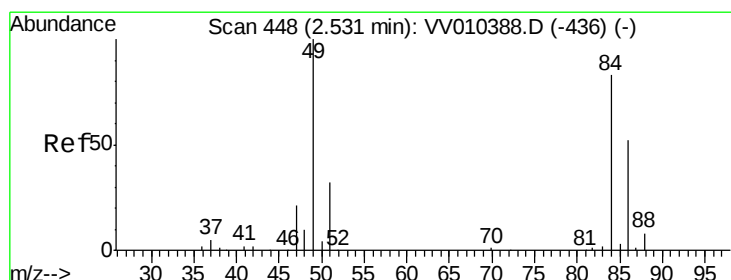
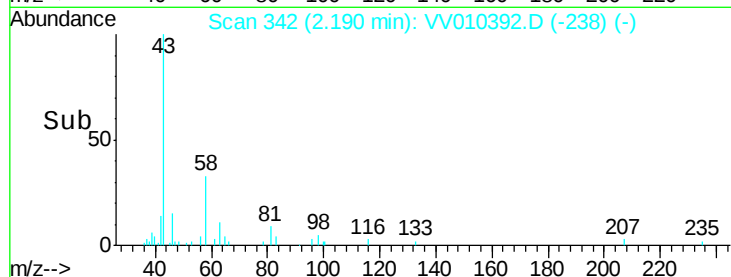
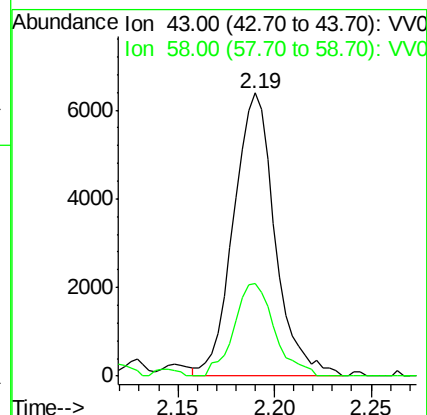
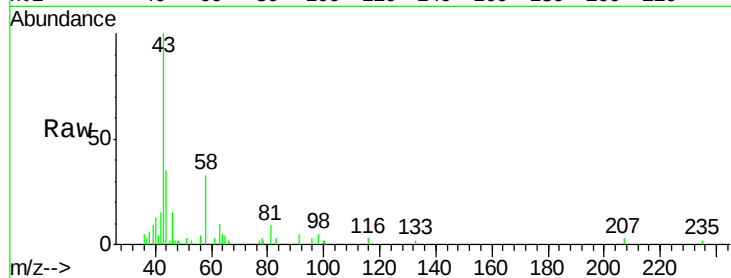




#13
Acetone
Concen: 5.473 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010392.D
Acq: 19 Apr 2019 19:32

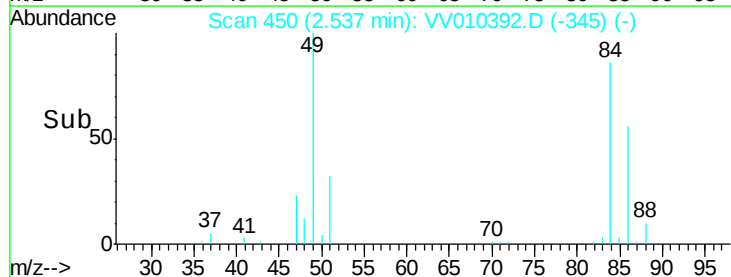
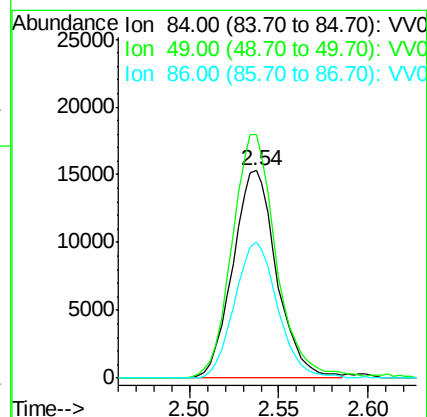
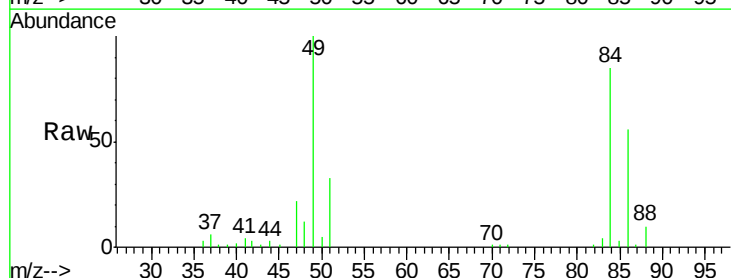
Instrument :
MSVOA_V
ClientSampleId :
GAHP5

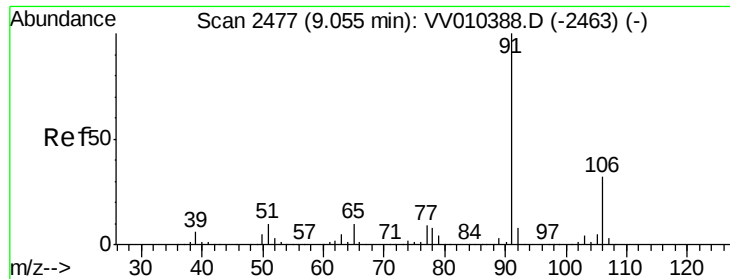
Tot Ion: 43 Resp: 9512
Ion Ratio Lower Upper
43 100
58 31.9 0.0 60.0



#16
Methylene chloride
Concen: 3.945 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010392.D
Acq: 19 Apr 2019 19:32

Tgt Ion: 84 Resp: 26237
Ion Ratio Lower Upper
84 100
49 117.3 83.8 155.6
86 65.6 46.1 85.5





#53

Ethylbenzene

Concen: 0.981 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV010392.D

Acq: 19 Apr 2019 19:32

Instrument :

MSVOA_V

ClientSampleId :

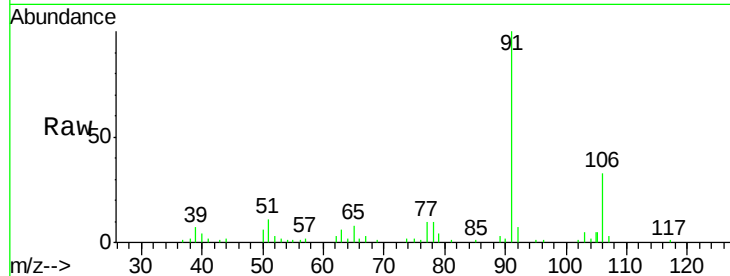
GAHP5

Tot Ion: 91 Resp: 23115

Ion Ratio Lower Upper

91 100

106 33.3 22.5 41.9



Abundance Ion 91.00 (90.70 to 91.70): VV010388.D (-2463) (-)

Ion 106.00 (105.70 to 106.70): VV010388.D (-2463) (-)

9.06

15000

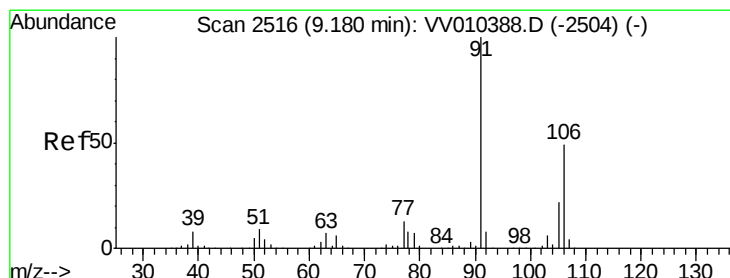
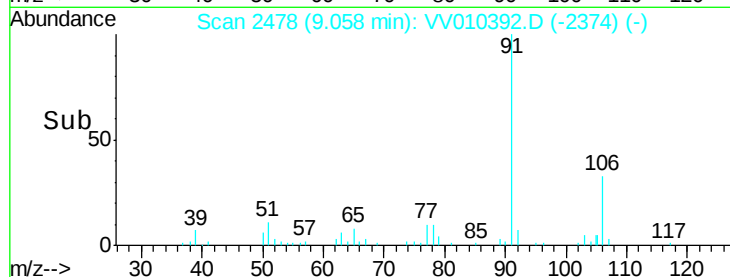
10000

5000

0

9.00 9.05 9.10

Time-->



#54

m,p-Xylene

Concen: 18.161 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV010392.D

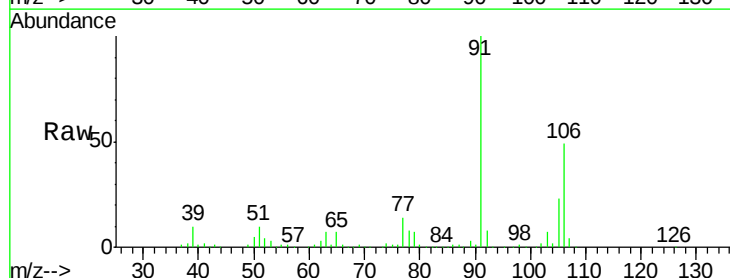
Acq: 19 Apr 2019 19:32

Tgt Ion: 106 Resp: 165570

Ion Ratio Lower Upper

106 100

91 202.6 141.6 263.0



Abundance Ion 106.00 (105.70 to 106.70): VV010388.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VV010388.D (-2504) (-)

9.18

200000

150000

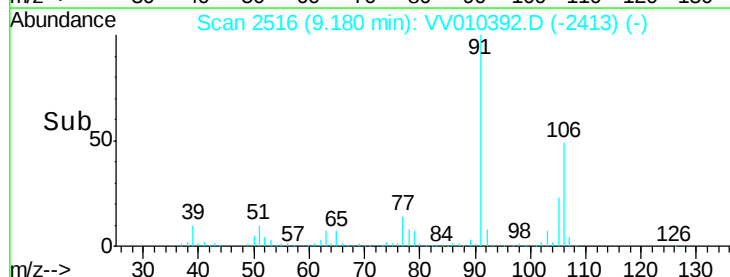
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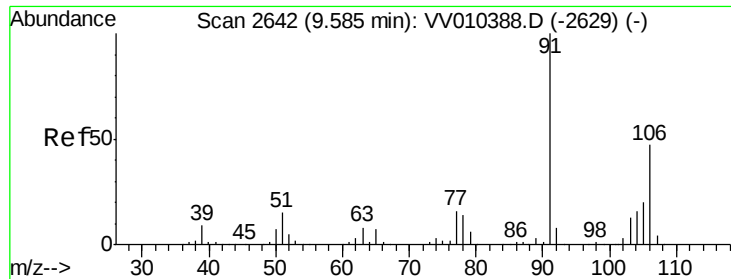
50000

0

9.10 9.15 9.20 9.25

Time-->

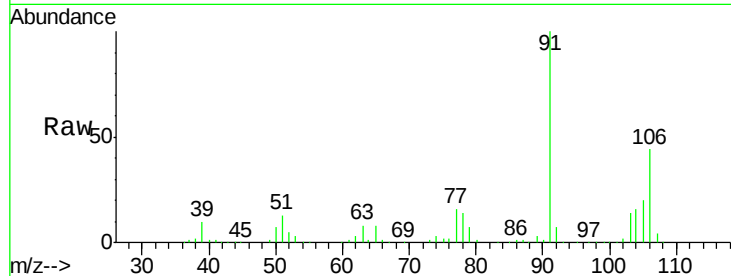




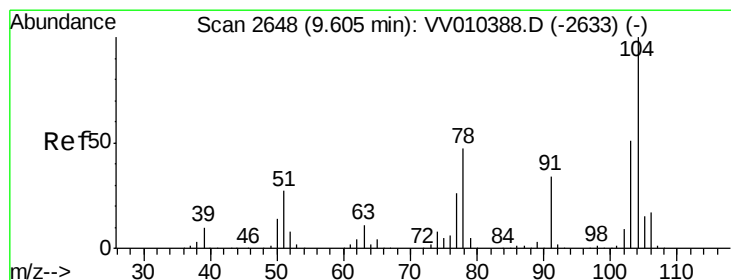
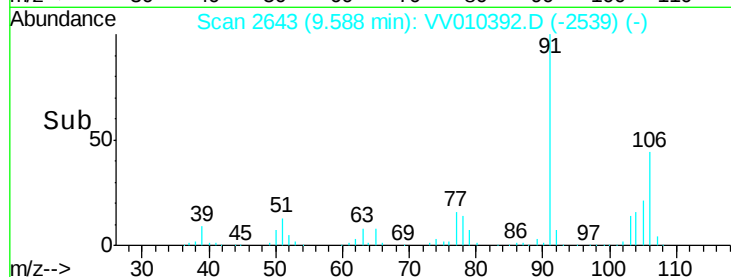
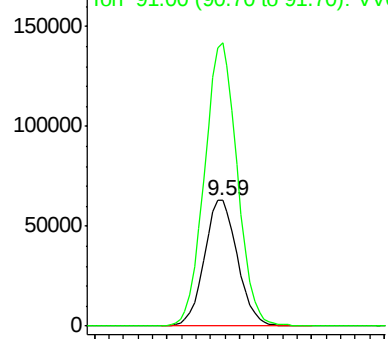
#55
o-xylene
Concen: 11.334 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010392.D
Acq: 19 Apr 2019 19:32

Instrument :
MSVOA_V
ClientSampleId :
GAHP5

Tot Ion:106 Resp: 99654
Ion Ratio Lower Upper
106 100
91 225.1 150.1 278.9

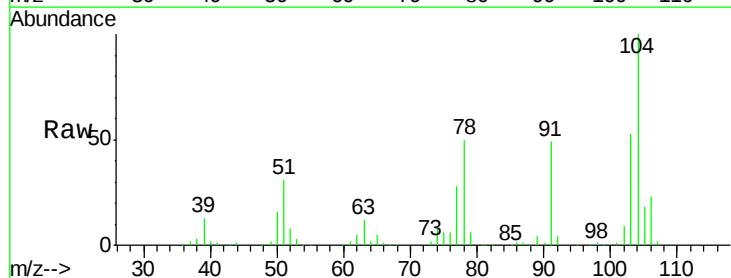


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

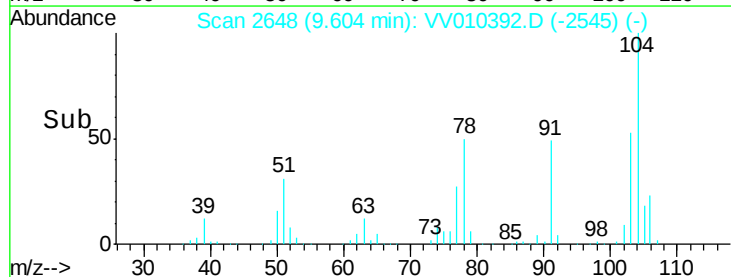
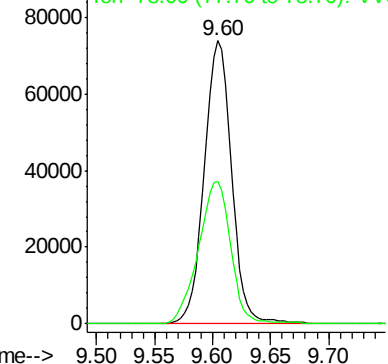


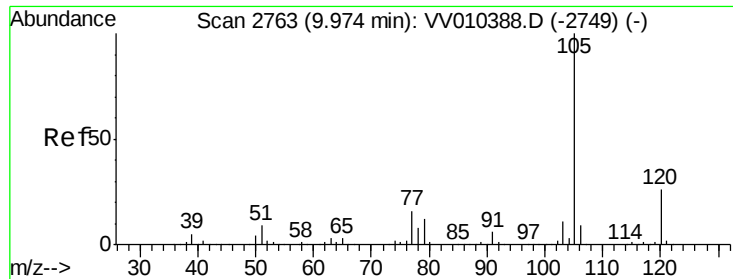
#56
Styrene
Concen: 8.035 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV010392.D
Acq: 19 Apr 2019 19:32

Tgt Ion:104 Resp: 120639
Ion Ratio Lower Upper
104 100
78 50.3 30.7 56.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#57

Isopropylbenzene

Concen: 0.790 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV010392.D

Acq: 19 Apr 2019 19:32

Instrument :
MSVOA_V
ClientSampleId :
GAHP5

Tot Ion:105 Resp: 18514

Ion Ratio Lower Upper

105 100

120 25.3 21.9 32.9

77 13.1 13.0 19.6

